

ABSTRACT

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The present invention relates to adenovirus vectors and their use in DNA delivery systems. The vectors have been designed to maximize their capacity to carry foreign DNA and to minimize the potential of producing replication competent virus. The vectors contain one or more copies of a minimum packaging sequence to direct virus packaging. Optionally, the vectors contain one or more repressor binding sites so that virion production can be selectively inhibited. Specific repression systems include COUP-TF and lac repressor. A cellular complex, called P complex is also disclosed. This complex functions positively in viral packaging and virus production.